Ref. No. SS0317
032003

ONKYO SERVICE MANUAL

6.1ch SPEAKER SYSTEM for HT-S760

MODEL SKS-HT200

SKW-200 / SKF-200F / SKC-200C / SKM-200S/SKB-200

DD	120V AC, 60Hz

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

ONKYO®
IMAGINATIVE SIGHT & SOUND

SPECIFICATION
SKW-200

Type	Bass-reflex with built-in power amplifier
Frequency response	27 Hz-150 Hz
Output power	150 W Dynamic
Input sensitivity	220 mV
Input impedance	15 kΩ
Woofer	8-inch cone type
Power supply	AC 120 V, 60 Hz
Power consumption	75 W
Dimensions (W×H×D)	10-13/16" × 20-3/8" × 16-3/16" / 275 × 518 × 411 mm
Weight	30.0 lbs. / 13.6 kg

Specifications and appearance may subject to change for improvement without prior notice.

SPECIFICATION

Model	**SKF-200F**
Type	2 way Bass-reflex front speaker
Impedance	8 Ω
Maximum input power	100 W
Output sound pressure level	86 dB/W/m
Frequency response	55 Hz-35,000 Hz
Woofer	5-1/4-inch cone type × 2
Tweeter	1-inch balanced dome type
Dimensions (W×H×D)	7-7/16" × 16-1/2" × 9-1/4" / 189 × 419 × 235 mm
Weight	11.7 lbs. / 5.3 kg
Others	Magnetic shielding Removable grille

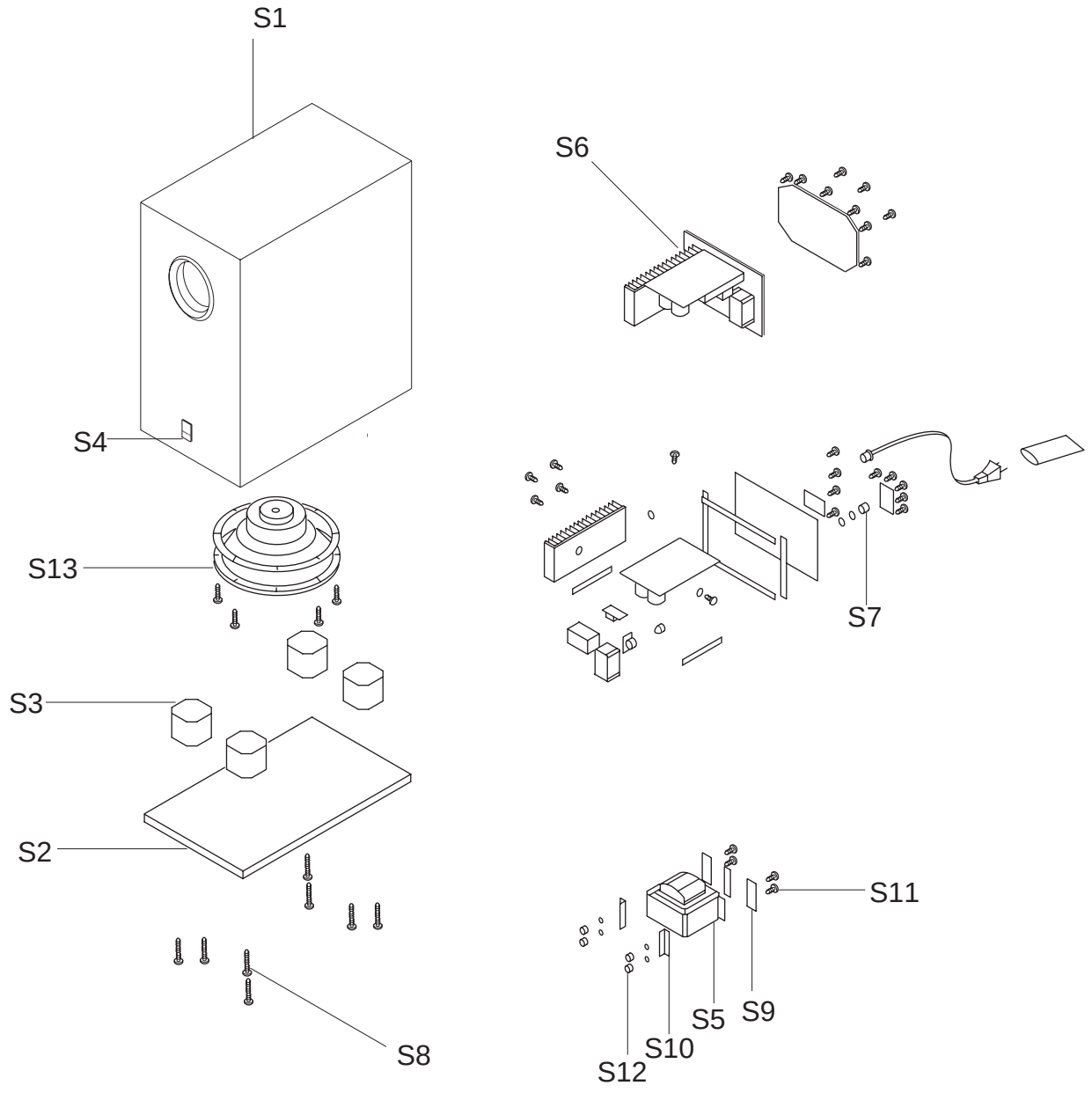
Model	**SKC-200C**
Type	2 way Bass-reflex center speaker
Impedance	8 Ω
Maximum input power	100 W
Output sound pressure level	85 dB/W/m
Frequency response	65 Hz-35,000 Hz
Woofer	4-inch cone type × 2
Tweeter	1-inch balanced dome type
Dimensions (W×H×D)	15-1/4" × 6-3/16" × 7-13/16" / 387 × 157 × 199 mm
Weight	7.9 lbs. / 3.6 kg
Others	Magnetic shielding

Model	**SKM-200S**
Type	2 way Bass-reflex surround speaker
Impedance	8 Ω
Maximum input power	100 W
Output sound pressure level	82 dB/W/m
Frequency response	65 Hz-35,000 Hz
Woofer	4-inch cone type
Tweeter	1-inch balanced dome type
Dimensions (W×H×D)	6-15/16" × 10-7/16" × 4-15/16" / 175 × 265 × 125 mm
Weight	4.0 lbs. / 1.8 kg

Model	**SKB-200**
Type	2 way Bass-reflex surround back speaker
Impedance	8 Ω
Maximum input power	100 W
Output sound pressure level	82 dB/W/m
Frequency response	65 Hz-35,000 Hz
Woofer	4-inch cone type
Tweeter	1-inch balanced dome type
Dimensions (W×H×D)	6-15/16" × 10-7/16" × 4-15/16" / 175 × 265 × 125 mm
Weight	4.0 lbs. / 1.8 kg

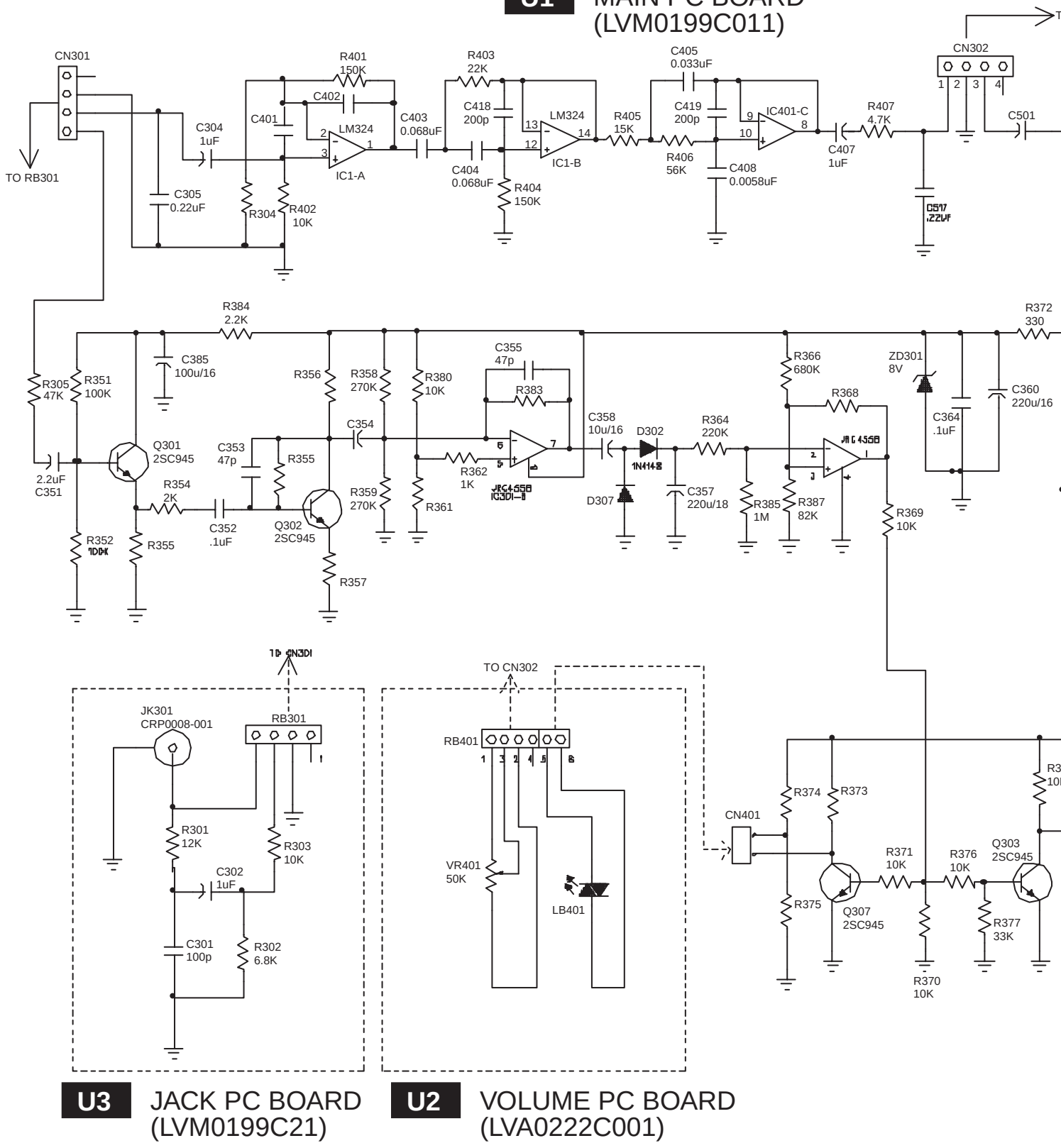
Specifications and appearance may subject to change for improvement without prior notice.

EXPLODED VIEW
SKW-150



SCHEMATIC DIAGRAM

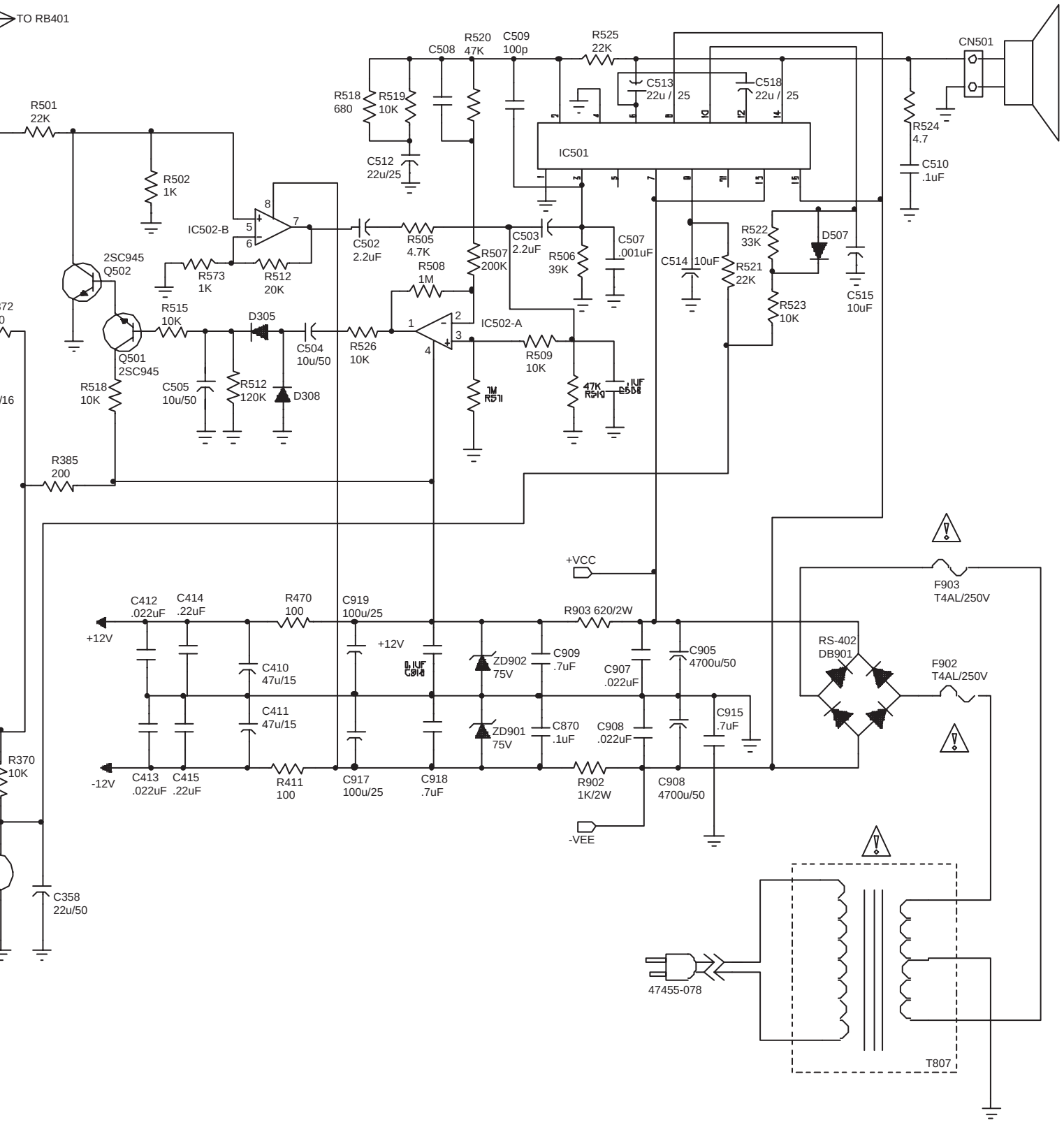
U1 MAIN PC BOARD (LVM0199C011)



U3 JACK PC BOARD (LVM0199C21)

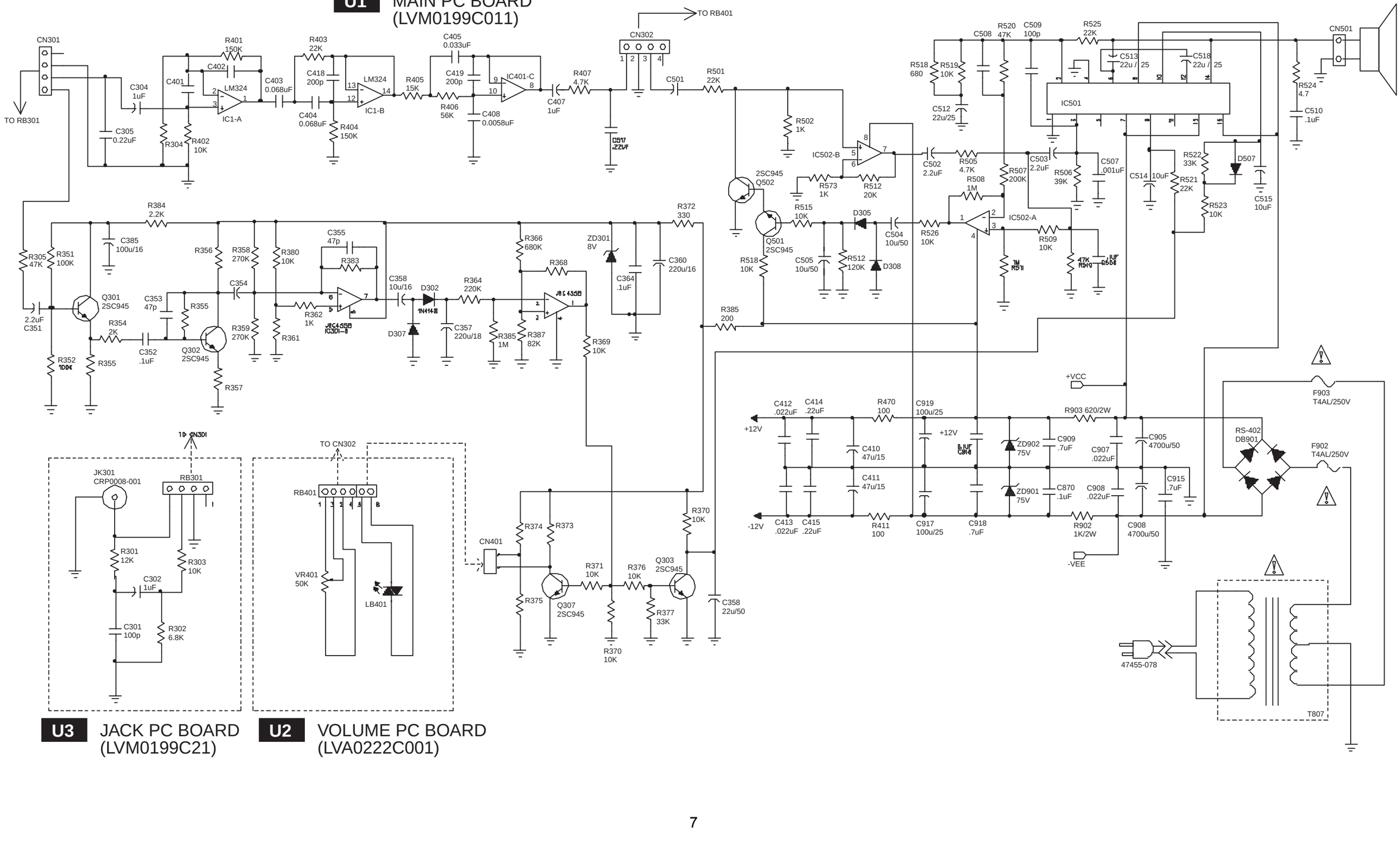
U2 VOLUME PC BOARD (LVA0222C001)

E F G H


TO RB401
R501 22K
R502 1K
IC502-B
2SC945 Q502
R573 1K
R512 20K
R515 10K
D305
Q501 2SC945
R518 10K
C505 10u/50
R512 120K
D308
C504 10u/50
R526 10K
IC502-A
R508 1M
C502 2.2uF
R505 4.7K
R507 200K
C503 2.2uF
R506 39K
C507 .001uF
R509 10K
R385 200
R518 680
R519 10K
C512 22u/25
C508
R520 47K
C509 100p
R525 22K
C513 22u / 25
C518 22u / 25
IC501
CN501
R524 4.7
C510 .1uF
C514 10uF
R521 22K
R522 33K
D507
R523 10K
C515 10uF
+VCC
F903 T4AL/250V
RS-402 DB901
F902 T4AL/250V
R903 620/2W
C412 .022uF
C414 .22uF
R470 100
C919 100u/25
+12V
C410 47u/15
C411 47u/15
ZD902 75V
ZD901 75V
C909 .7uF
C870 .1uF
C907 .022uF
C908 .022uF
C905 4700u/50
C915 .7uF
C908 4700u/50
R902 1K/2W
-VEE
-12V
C413 .022uF
C415 .22uF
R411 100
C917 100u/25
C918 .7uF
R370 10K
C358 22u/50
47455-078
T807

SCHEMATIC DIAGRAM

U1 MAIN PC BOARD (LVM0199C011)



U3 JACK PC BOARD (LVM0199C21)

U2 VOLUME PC BOARD (LVA0222C001)

SKS-HT200 Parts list

Ref. No.	Description	Specification		Part No.
Packing view				
P1	Speaker cord	AWG #22 L=4.5m	White / Brack	VWS330122-4500
P2	Speaker cord	AWG #22 L=4.5m	Red / Brack	VWS331022-4500
P3	Speaker cord	AWG #22 L=3.0m	Green / Brack	VWS330922-3000
P4	Speaker cord	AWG #22 L=9.0m	Blue / Brack	VWS330522-9000
P5	Speaker cord	AWG #22 L=9.0m	Gray / Brack	VWS330722-9000
P6	Speaker cord	AWG #22 L=9.0m	Brown / Brack	VWS330622-9000
P7	Pin cable	3m MONO Black		VCR000001-0042
P10	Polyfoam	Top		ITF8302750001
P11	Polyfoam	Center		ITF8302760001
P12	Polyfoam	Bottom		ITF8302770001
P13	Carton		HT-R760(B)	ICC802095-BM10
P14	POLYFOAM BLOCK A	17x513x256mm		ICF830000-0250
P15	POLYFOAM BLOCK B	43x525x256mm		ICF830000-0251
	H.M. BAG	POLY BAG L1000xW720xT0.025	SKW-200	IVA8032010133
	H.M. BAG	POLY BAG L710xW460xT0.025	SKF-200F	IVA8032010049
	H.M. BAG	POLY BAG L640xW380xT0.025	SKC-200C	IVA8032010050
	H.M. BAG	POLY BAG L465xW355xT0.025	SKM-200S	IVA8032010025
Satellite speaker				
	Bacl label	L	SKF-200FL	YLB810002FL10
	Bacl label	R	SKF-200FR	YLB810002FR10
	Bacl label	C	SKC-200C	YLB810002C010
	Bacl label	L	SKM-200SL	YLB810002SL10
	Bacl label	R	SKM-200SR	YLB810002SR10
	Bacl label		SKM-200SR	YLB810002SC10
	METAL CRAMP	HANGER PLATE	SKM-200S	DCA5000020001
Sub woofer				
S1	CABINET AS	with DUCT and ACOUSTIC FELT		ANK802M95-BM10
S2	STAND BOARD			EVT81003515W0
S3	PLASTIC FOOT			BPE8000040001
S4	Logo Badge	FRONT PLATE		BPL8001230001
S5	PWR TRANS			TT11120010120
S6	AMPLIFIER	with LED CORD ASSY and AC CORD		ABNSKW200-CV01
S7	KNOB	Include in AMPLIFIER		–
S8	SCREW	4x75 for PLASTIC FOOT		NST8550514750
S9	RUBBER PAD	for PWR TRANS		ICH0800270001
S10	BRACKET	for PWR TRANS		GSE0001100003
S11	SCREW	4x25 for PWR TRANS		HSD0431033250
S12	NUT	M4 for PWR TRANS		HNT8116801300
S13	WOOFER UNIT			FSB82AC800401

For IC's and Transistor parts, please see SKW-100 parts list.

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